

IN THE CLAIMS:

Please amend the claims as follows. The claims are in the format as required by 35 C.F.R. § 1.121.

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1. (Currently Amended) A method of deploying ~~components~~ a component of a site between systems ~~in a portal framework~~, the method comprising the steps of:  
designating a component of the site intended for export;  
~~storing assets~~ collecting at least one object of a the component ~~of a site designated for export~~ as in an individual export file, wherein the at least one object includes at least one non-file asset configured to operate on a system at the remote location;  
~~collecting~~ transferring the individual export file ~~into a group export file; to the system at a remote location; and~~  
~~transferring the group export file to a system at a remote location; and extracting the individual export file from the group export file; and extracting the assets of the component each object~~ from the individual export file to a plurality of locations ~~on the system at the remote location; wherein the assets include file assets and non-file assets configured to operate on the system at the remote location.~~
  2. (Cancelled)
  3. (Currently Amended) The method according to claim 2, wherein designating the component for export further comprises ~~comprising~~ querying a local system ~~to identify the component designated for export.~~
  4. (Currently Amended) The method according to claim 2, wherein ~~collecting the assets further comprises constructing the each~~ non-file assets as asset is an extensible markup language fragment with a predetermined structure.
  5. (Original) The method according to claim 4, further comprising parsing the extensible markup language fragment.
  6. (Currently Amended) The method according to claim 5, further comprising instantiating ~~the each at least one non-file assets~~ asset.

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7. (Currently Amended) The method according to claim 1, wherein ~~the~~ each non-file ~~assets include~~ asset includes at least one of: a permissions object, a user preference object, a settings object, a menu object, an instantiated programming language object and a user group object.

8-10. (Canceled)

11. (Currently Amended) A method of importing components of a site to a system at a remote location in a portal framework, the method comprising the steps of:  
    ~~extracting an individual export file from a group export file; extracting assets at least one~~  
    object of a component from the individual export file of an exported site; ~~and~~  
    ~~storing the assets of the component to a plurality of locations on the system at the~~  
    ~~remote location; and~~  
    ~~wherein the assets include file assets and non-file assets~~ wherein the at least one object  
    includes at least one non-file asset configured to operate on the system at the remote location;  
    and  
    storing each object of the component to a location on the system at the remote location.

12. (Currently Amended) The method according to claim 11, further comprising transferring the ~~group~~ individual export file to the system at the remote location.

13. (Currently Amended) The method according to claim 11, further comprising parsing each non-file asset wherein each non-file asset is constructed as an extensible markup language fragment including non-file assets with a predetermined structure.

14. (Currently Amended) The method according to claim 11, further comprising instantiating ~~the~~ each non-file assets.

15. (Currently Amended) The method according to claim 11, wherein ~~the~~ each non-file ~~assets include~~ asset includes at least one of: a permissions object, a user preference object, a settings object, a menu object, an instantiated programming language object and a user group object.

16. (Currently Amended) A computer program product for deploying ~~components~~ a component of a site between systems in a portal framework, the computer program product comprising:

C3 a computer readable medium; and  
computer program instructions, recorded on the computer readable medium, executable by a processor, for performing the step of:

designating a component of the site intended for export;  
~~storing assets~~ collecting at least one object of a the component ~~of a site designated for export~~ as in an individual export file;  
~~collecting the individual export file into a group export file;~~  
wherein the at least one object includes at least one non-file asset configured to operate on the system at the remote location;

transferring the ~~group export file to a~~ individual export file to a system at a remote location; and

extracting each object from the individual export file ~~from the group export file;~~ and  
~~extracting the assets of the component from the individual export file to a plurality of locations on the system at the remote location;~~

~~wherein the assets include file assets and non-file assets configured to operate on the system at the remote location~~ export file to a location on the system at the remote location.

17. (Currently Amended) The computer program product according to claim 16, further comprising computer program instructions for performing the step of collecting the assets of the designated component.

18. (Currently Amended) The computer program product according to claim 17, further comprising computer program instructions for performing ~~the step of querying a local system to identify~~ wherein designating the component designated for export further comprises querying a local system.

19. (Currently Amended) The computer program product according to claim 17, wherein ~~collecting the assets further comprises constructing the~~ each non-file assets asset is constructed as an extensible markup language fragment with a predetermined structure.

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20. (Currently Amended) The computer program product according to claim 19, further comprising computer program instructions for performing the step of parsing ~~the~~ each extensible markup language fragment.

21. (Currently Amended) The computer program product according to claim 20, further comprising computer program instructions for performing the step of instantiating ~~the~~ each non-file assets.

22. (Currently Amended) The computer program product according to claim 16, wherein ~~the~~ each non-file assets include at least one of: a permissions object, a user preference object, a settings object, a menu object, an instantiated programming language object and a user group object.

23-25 (Canceled)

26. (Currently Amended) A computer program product for importing components of a site to a system at a remote location in a portal framework, the computer program product comprising the steps of:

a computer readable medium; and  
computer program instructions, recorded on the computer readable medium, executable by a processor, for performing the steps of:

~~extracting an individual export file from a group export file; extracting assets at least one object of a component from an the individual export file on of an exported site; and~~

~~storing the assets of the component to a plurality of locations on the system at the remote location; and wherein the assets include file assets and non-file assets wherein the at least one object includes at least one non-file asset configured to operate on the system at the remote location; ; and~~

storing each object of the component to a location on the system at the remote location.

27. (Currently Amended) The computer program product according to claim 26, further comprising transferring the ~~group~~ individual export file to the system at the remote location.

28. (Currently Amended) The computer program product according to claim 26, further comprising instantiating ~~the~~ each non-file assets.

C3 29. (Currently Amended) The computer program product according to claim 26, wherein the each non-file assets ~~include~~ includes at least one of: a permissions object, a user preference object, a settings object, a menu object, an instantiated programming language object and a user group object.

30. (Currently Amended) A system for deploying ~~components~~ a component of a site between systems in a portal framework, ~~the method comprising the steps of:~~

a first deployment manager on a local system operable to ~~store assets~~ collect at least one object of a component for deployment as an individual export file ~~and collect the individual export file into a group export file;~~ operable to export assets of a component of a site as an export file; wherein each object includes at least one non-file asset configured to operate on a system at a remote location;

a means for transferring the group export file to a system at a remote location; and

a second deployment manager on the system at the remote location operable to extract ~~the individual export file from the group export file and import the assets of the component of the site~~ each object from the individual export file to ~~the system at the remote~~ a location;

~~wherein the assets include file assets and non-file assets configured to operate on the system at the remote location.~~

31. (Currently Amended) The system according to claim 30, wherein the object is collected by a first deployment manager ~~further includes a first component module operable to collect the assets of the designated component.~~

32. (Original) The system according to claim 31, wherein the first component module is further operable to query the local system to identify the component designated for export.

33. (Canceled)

34. (Currently Amended) The system according to claim 31, wherein the first component module is further operable to construct the each non-file assets asset as an extensible markup language fragment with a predetermined structure.

35. (Currently Amended) The system according to claim 34, wherein the second deployment manager further includes a second component module operable to parse the each extensible markup language fragment.

C3 36. (Currently Amended) The system according to claim 34, wherein the second component module is further operable to instantiate the each non-file assets.

37. (Currently Amended) The system according to claim 30, wherein the second component module is further operable to extract ~~the assets~~ each object of the component from the export file to a ~~plurality of~~ location on the system at the remote location.

38. (Currently Amended) The system according to claim 30, wherein the non-file assets include at least one of: a permissions object, a user preference object, a settings object, a menu object, an instantiated programming language object and a user group object.

39-42 (Cancelled)

43. (Currently Amended) A system for importing ~~components~~ a component of a site from a system at a remote location in a portal framework comprising:

a component module operable to:

~~extract an individual export file from a group export file; extract assets of a at~~  
least one object of the component from the individual export file; , wherein each object includes  
at least one non-file asset configured to operate on a system at a local system;

parse an extensible markup language fragment including at least some of the assets;

~~instantiating the~~ instantiate each non-file assets asset; and

~~store the assets~~ each object of the component to a the local system.

44-45. (Canceled)

46. (Currently Amended) The method according to claim 43, ~~where the at least some of the assets are~~ wherein each non- file assets ~~including~~ asset includes at least one of: a permissions object, a user preference object, a settings object, a menu object, an instantiated programming language object and a user group object.

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↓  
47-58 (Canceled)

59. (New) The method according to claim 1, further comprising collecting at least one file-asset of the component in the individual export file, wherein each file-asset is configured to operate on the system at the remote location.

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60. (New) The method according to claim 59, wherein designating the component comprises querying a subsystem.

61. (New) The method according to claim 60, wherein the subsystem is configured to manage a type of component, wherein the type includes at least one of a site, module, template and style.

62. (New) The method according to claim 61, wherein the subsystem collects each object and each file-asset.

63. (New) The method according to claim 11, further comprising  
extracting at least one file-asset of the component from the individual export file;  
and storing each file-asset to a location on the system at the remote location.

64. (New) The method according to claim 63, wherein storing each object and file-asset is accomplished by a subsystem at the remote location, wherein the subsystem is configured to manage a type of component, wherein the type includes at least one of a site, module, template and style.

65. (New) The computer program product according to claim 16, further comprising computer program instructions for collecting at least one file-asset of the component in the individual export file, wherein each file-asset is configured to operate on the system at the remote location.

66. (New) The computer program product according to claim 65, wherein designating the component comprises querying a subsystem.

67. (New) The computer program product according to claim 66, wherein the subsystem is configured to manage a type of component, wherein the type includes at least one of a site, module, template and style.

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68. (New) The computer program product according to claim 67, wherein the subsystem collects each object and each file-asset.

69. (New) The computer program product according to claim 26, further comprising extracting at least one file-asset of the component from the individual export file; and storing each file-asset to a location on the system at the remote location.

70. (New) The computer program product according to claim 69, wherein storing each object and file-asset is accomplished by a subsystem at the remote location, wherein the subsystem is configured to manage a type of component, wherein the type includes at least one of a site, module, template and style.

71. (New) The system according to claim 1, wherein the first deployment manager is further operable to collect at least one file-asset of the component in the individual export file, wherein each file-asset is configured to operate on the system at the remote location.

72. (New) The system according to claim 71, wherein designating the component comprises querying a subsystem.

73. (New) The system according to claim 72, wherein the subsystem is configured to manage a type of component, wherein the type includes at least one of a site, module, template and style.

74. (New) The system according to claim 73, wherein the subsystem collects each object and each file-asset.

75. (New) The system according to claim 37, wherein the second deployment manager is further operable to:

extract at least one file-asset of the component from the individual export file; and  
store each file-asset to a location on the system at the remote location.



76. (New) The system according to claim 75, wherein the second deployment manager further includes a subsystem, wherein the subsystem is configured to manage a type of component, wherein the type includes at least one of a site, module, template and style.

C4 77. (New) The system according to claim 43, wherein the component module is further operable to:

extract at least one file-asset of the component from the individual export file; and  
store each file-asset to a location on the system at the remote location.

78. (New) The system according to claim 77, wherein the component further includes a subsystem, wherein the subsystem is configured to manage a type of component, wherein the type includes at least one of a site, module, template and style.

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